THE MOST COMPLETE MICROCOMPUTER LINE

commodore
COMPUTER

COMMODORE COMPLETE MICROCOMPUTER LINE

VIC 20

Memory

☐ 5K expandable to 32K

Features

☐ User supplied color monitor or TV
☐ 4 Internal amplifiers Including 5 octave total range, 3-tone (music) generators, 1 sound effects generator
☐ 22 column by 23 line screen
☐ Programmable function keys & characters
☐ 16 colors
☐ Plug-In program/memory cartridges
☐ Joystick, paddles, lightpen
☐ Self-teaching materials
☐ High resolution graphics (176 × 184 dots)
☐ Basic 2.0
☐ Commodore Serial Bus.
☐ Numerous video game cartridges

Compatible with:

☐ Storage: C-1530; C-1541
☐ Printers: C-1520; C-1525; C-1526
☐ Miscellaneous: C-1600; C-1650; C-1701

COMMODORE 64

Memory

☐ 64K of RAM standard

Features

☐ Basic 2.0
☐ Commodore Serial bus
☐ 40-column by 25-line screen display
☐ User supplied color monitor or TV
☐ Music Synthesizer produces 3 independent voices, each with a range of 9 octaves
☐ 4 waveforms are available: sawtooth, triangle, variable pulse, and noise 4 programmable function keys
☐ Uses 6510 microprocessor
☐ Optional Z80 microprocessor to allow CP/M compatibility
☐ 16 text colors
☐ 8 independently moveable sprites for "3-D graphics"
☐ Range of business software
☐ Optional IEEE-488 cartridge

Compatible with:

☐ Storage: C-1530; C-1541
☐ Printers: C-1520; C-1525; C-1526
☐ Miscellaneous: C-1600, C-1650; C-1701

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Commodore Computer—The most complete microcomputer line.
Commodore Computers presents its full line of microcomputers for home, business, and education applications. From computers to peripherals such as disk drives, printers, modems & our color monitor, Commodore provides you with all the hardware necessary to create or expand your personal computing needs. To complement your hardware selections a wide range of software is available including everything from games to sophisticated business applications.

PET 64

Memory
☐ 64K RAM standard

Features
☐ Graphic characters from keyboard
☐ Built-in, full-size, 12-inch monitor, green phosphorous screen
☐ Built-in 40-column × 25-line display
☐ 8 programmable function keys
☐ Typewriter-style keyboard with several special keys and a full set of Commodore graphic characters
☐ Cassette Interface available
☐ Serial Port for your 1525 or 1520 printers
☐ Video Output provides a "composite" black-and-white video signal, which can be fed into most TV monitors
☐ Accepts program cartridges for games, business and educational software

Compatible with:
☐ Storeage: C-1530; C-1541
☐ Printers: C-1520; C-1525; V-1526
☐ Miscellaneous: C-1600; C-1650

PET 4032

Memory
☐ 32K

Features
☐ Basic 4.0
☐ IEEE-488 bus.
☐ 40 column × 25 line screen size
☐ Eight-bit parallel user port with "handshake" lines
☐ 128 ASCII, plus 128 graphic characters
☐ Separate calculator/numeric pad
☐ 18K of ROM
☐ 9-digit floating binary arithmetic

Compatible with:
☐ Storage: C-1530; CBM 2031; CBM 4040; CBM 8250; CBM 8050; D 9060; D 9090
☐ Printers: CBM 4022; CBM 4023; CBM 6400; CBM 8023; CBM 8300

CBM 8032

Memory
☐ 32K expandable to 96K

Features
☐ Basic 4.0
☐ IEEE-488 bus.
☐ 80 column × 25 line screen size
☐ 128 ASCII, plus 128 graphic characters
☐ Separate calculator/numeric pad
☐ 18K of ROM
☐ Director (Interactive) and program modes
☐ 9-digit floating binary arithmetic

Compatible with:
☐ Storage: C-1530; CBM 2031 LP; CBM 4040; CBM 8250; CBM 8050; D 9060; D 9090
☐ Printers: CBM 4022; CBM 4023; CBM 6400; CBM 8023; CBM 8300

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COMMODORE EXECUTIVE 64

Memory
☐ 64K Dynamic RAM memory

Features
☐ 65 Central Processor (6502 Program Compatible)
☐ Built-in 6-inch Color Display Monitor
☐ Built-in 170K Single Disk Drive, 2 disk option
☐ External Video Port (Color, LUM, Composite Output)
☐ Full Upper/Lower Case Keyboard
☐ Commodore Serial Bus.
☐ External Bus. (C-64 Compatible)
☐ C-64 Full Compatibility
☐ Size: 5"(H) x 14½"(W) x 14½"(D)
☐ Weight: 27.6 lbs.
☐ Detachable keyboard
☐ IEEE-488 Interface
☐ 40 Column x 25 line display with 16 colors and graphics
☐ Music and sound capabilities

SuperPET™

Memory
☐ 96K RAM (64K bank switched)

Features
☐ Basic 4.0
☐ IEEE-488 bus.
☐ High-speed RS232-C interface for additional compatibility with printer and modem
☐ Ability to interface with mainframe
☐ Compatible with 8032 software
☐ 2 microprocessors—6502 and 6809
☐ Software includes language interpreters, editor, operating system (supervisor)
    Waterloo MicroAPL
    Waterloo MicroBASIC
    Waterloo MicroCOBOL
    Waterloo MicroFORTRAN
    Waterloo MicroPASCAL
☐ 6809 Assembler Development System (Linker/Loader)
☐ 128 ASCII, plus 128 graphic characters
☐ IBM/ACM, APL character set
☐ Separate numeric keyboard (line/text editor keypad usage in 6809 mode)
☐ Direct (interactive) and program modes
☐ 9-digit floating binary arithmetic
☐ 134K total memory
☐ Dual processors
☐ 8 languages
☐ Built-in, full-size, 12-inch monitor, green phosphorus screen
☐ Full-screen editing for 80-col x 25-line display
☐ Numeric keypad, editor function keys

Compatible with:
☐ Storage C-1530, CBM 2031 LP; CBM 4040; CBM 8250; CBM 8050; D 9060, D 9090
☐ Printers CBM 4022; CBM 4023; CBM 6400; CBM 8023; CBM 8300

COMMODORE B128-80

Memory
☐ 128K RAM expandable 256K internally 704K externally totaling 960K

Features
☐ Basic 4.0
☐ IEEE-488 bus.
☐ RS232-C Interface
☐ 8 Bit User Port
☐ 80 column × 25 line screen display
☐ Works with user supplied monitor
☐ 6509 microprocessor
☐ Optional future processors planned are Z-80 for CP/M, 8088 for CP/M-86®
☐ Direct Audio/Video Output
☐ Programmable function keys and
☐ Numeric keyboard

Compatible with:
☐ Storage: CBM 4040; CBM 8050; CBM 8250; D 9060; D 9090
☐ Printers: CBM 4022; CBM 4023; CBM 6400; CBM 8023; CBM 8300

COMMODORE BX256-80

Memory
☐ 256K RAM expandable externally to 960K. Almost a megabyte online RAM memory!

Features
☐ Basic 4.0
☐ IEEE-488 bus.
☐ RS232 Interface
☐ 8 Bit User Port
☐ 80 column × 25 line screen display
☐ Integral Display
☐ Easy Read Green Phosphorous
☐ Swivel & tilt screen
☐ Includes integral disk drive options
☐ Detachable keyboard
☐ Programmable function keys
☐ Built-in dual processors standard 6509 and 16-bit 8088 processors
☐ Optional processors include: Z-80, (CP/M ")
☐ Other future languages will include: U.C.S.D. Pascal
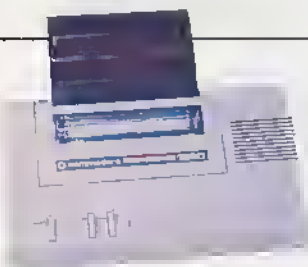☐ Direct Audio Output

Compatible with:
☐ Storage: CBM 2031 LP; CBM 4040; CBM 8050; CBM 8250; D 9060; D 9090
☐ Printers: CBM 4022; CBM 4023; CBM 6400; CBM 8023; CBM 8300

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COMMODORE PERIPHERALS

Our comprehensive selection of "intelligent" peripherals will meet all your computer expansion needs.

PRINTERS

1520 PLOTTER PRINTER

The Commodore 1520 Plotter Printer is an 80 column graphics printer which connects directly to the Commodore 64/VIC 20. It has the ability to create bar charts, pie charts & graphic illustrations with four available colors.

1525 PRINTER

The 1525 Printer is an 80 column dot-matrix impact printer for creating printouts and hard-copies from the VIC 20/Commodore 64 computers. It is an intelligent device containing its own microprocessor, RAM, and ROM, for faster speed of throughput. It has the ability to create alphabetic letters in upper and lower case, digits, special symbols, graphic characters, and dot-programmable graphics. Interface cable for the VIC 20/Commodore 64 is included

1526 PRINTER

The 1526 Printer is an 80 column, bidirectional, dot-matrix impact printer for creating printouts and hard-copies from the VIC 20/Commodore 64 computers. It is an intelligent device containing its own microprocessor, RAM, and ROM, for faster speed of throughput. It has the ability to create alphabetic letters in upper and lower case, digits, special symbols, graphic characters, and dot-programmable graphics. Interface cable for the VIC 20/Commodore 64 is included.

4023 PRINTER

The Commodore 4023 Printer is an 80 column, bi-directional, dot-matrix impact printer with IEEE interface for creating printouts and hard-copies from the VIC 20/Commodore 64 computers. It is an intelligent device containing its own microprocessor, RAM, and ROM. The 4023 has the ability to create alphabetic letters in upper and lower case, digits, special symbols, graphic characters, and dot programmable graphics.

6400 PRINTER

This daisy wheel printer Model 6400 is designed for applications requiring high-quality printing. By employing CPU 8085 to perform all controls, it has become possible to make vast reductions in the number of electronic parts, improving reliability. The number of mechanical parts has also been reduced and serviceability greatly simplified.

1541 DISK DRIVES

The 1541 Disk Drive is an external 5¼ inch floppy diskette recorder and player, offering high-speed and capacity for programs and data. It is an intelligent device, containing its own microprocessor, RAM, ROM, and operating systems software for faster speed of throughput and memory efficiency in the computer. It is read/write compatible with diskettes created on Commodore 4040 and 2031 disk drives. Interface cable for the VIC 20/Commodore 64 is included.

2031 DISK DRIVE

The model 2031 is a low-cost single drive disk unit. The 2031 uses a 35 track (48 TPI) single headed drive with a storage capacity of 174,848 bytes. Diskettes created on the 2031 are read/write compatible with the model 4040 and 1540 disk units. The 2031 is neither read or write compatible with model 8050 or 8250 floppy disk units.

4040 FLOPPY DISK DRIVE

The model 4040 dual floppy disk unit uses 48 Track Per Inch (TPI) single headed drives with storage capacities of 174,848 bytes (characters) per drive. Each 4040 diskette has 35 tracks. Diskettes created on the 4040 drives are read/write compatible with the model 2031 and the 1541 disk units. The 4040 is neither read or write compatible with model 8050 or the 8250 disk units.

8050 FLOPPY DISK DRIVE

The model 8050 dual floppy disk unit uses a 100 Track Per Inch (TPI) single headed drive with a storage capacity of 533,248 bytes per drive. Each 8050 diskette has 77 tracks, and is read/write compatible with the model 8250 disk drive. This compatibility is limited to one side of the diskette.

8250 FLOPPY DISK DRIVE

The model 8250 dual floppy disk unit uses a 100 Track Per Inch (TPI) two headed drive with a storage capacity of 1,066,496 bytes (characters) per drive. Each 8250 diskette has 154 tracks, 77 on each side, and is read/write compatible with the 8050 disk drive. A single random access file may occupy an entire 8250 diskette.

9060 AND 9090 HARD DISK DRIVES

The 9060 & 9090 hard disk units are the 5¼" single-drive non-removable "Winchester" technology storage devices. They feature two or three platters with recording surfaces on both sides and provide respectively 5.0 or 7.5 million characters of storage. A single random access file may occupy the entire capacity of either unit. An IEEE interface connector is located on the back of the drive.

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MONITOR

1701 MONITOR

The new Commodore 1701 color monitor gives you a superior color picture that enhances your computing experience. This monitor is simple to hook up to your computer and is easy to adjust.
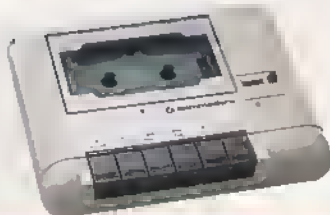
MODEMS

C-1600 MODEM

The 1600 Modem is a 300 baud direct-connect telephone interface, which allows the VIC 20/Commodore 64 to communicate with other computer systems. Its compact size, low price, and direct-connect efficiency make it the leading product of its kind on the market. Included is a cassette tape containing sophisticated terminal software, and a free password and one-hour subscription to the CompuServe* system, featuring Commodore's Information Network.

C-1650 AUTOMATIC MODEM

The 1650 Modem is a 300 baud direct-connect telephone interface, which allows the VIC 20 or Commodore 64 to communicate with other computer systems. It features auto answer, auto dial and full and half duplex modes. Included is a cassette tape containing sophisticated terminal software, and a free password and one-hour subscription to the CompuServe* system, featuring Commodore's Information Network.

DATASSETTE

C-1530 DATASSETTE

The Commodore 1530 Datassette is an external tape recorder and player offering a low-cost and highly reliable means to store and retrieve programs and data. It includes the interface cable to draw electricity and intelligence from the VIC 20 or any other Commodore computer. The datassette's special electronic circuitry ensures the most accurate and reliable unit on the market today.

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